

Financials - Banks

Motilal Oswal values your support in the EXTEL POLL 2024 for India Research, Sales, Corporate Access and Trading team.

We request your ballot.



Change in our estimates under a 75bp rate cut as our current estimates factor in 30-40bp rate cut

% chg over base case							
FY26E	FY27E						
-4.2%	-2.9%						
-3.3%	-1.8%						
-4.8%	-3.2%						
-4.4%	-3.2%						
-3.3%	-2.2%						
-3.8%	-2.9%						
	FY26E -4.2% -3.3% -4.8% -4.4% -3.3%						

	% chg over base case							
PPoP	FY26E	FY27E						
ICICI Bank	-5.1%	-3.5%						
HDFC Bank	-3.9%	-2.1%						
Axis Bank	-6.1%	-4.0%						
Kotak Bank	-5.9%	-4.3%						
SBI	-4.9%	-3.3%						
ВоВ	-5.5%	-4.1%						

	% chg over base case							
PAT	FY26E	FY27E						
ICICI Bank	-5.7%	-4.0%						
HDFC Bank	-4.4%	-2.4%						
Axis Bank	-7.4%	-5.0%						
Kotak Bank	-6.8%	-4.9%						
SBI	-6.0%	-4.0%						
ВоВ	-7.1%	-5.4%						

	bp chg over l	oase case
NIMs	FY26E	FY27E
ICICI Bank	-18	-13
HDFC Bank	-12	-6
Axis Bank	-18	-12
Kotak Bank	-21	-16
SBI	-10	-7
ВоВ	-11	-9

Scenario Analysis: Assessing earnings trajectory as rate cycle turns

FY26E NIM may compress 10-21bp over our base-case; PAT impact at 4.4%-7.1%

- As attention focuses on the forthcoming Reserve Bank of India (RBI) policy/ies, in anticipation of a potential turn in the rate cycle, we delve into how a potential cut in repo rates could influence the earnings of banks.
- With the expectation of the first rate cut now being pushed to the Feb'25 policy meeting (due to weak GDP print and higher inflation that thwarts the central bank's decision-making), we anticipate that the full impact on margins will materialize in FY26 as the loan yields reprice downward.
- We note that while public sector banks (PSBs) have MCLR-heavy books (Indian Bank at 58% and Canara Bank at 48%), they are less vulnerable to rate cuts. In contrast, private banks with high repo-linked books (Kotak at 60% and Axis Bank at 57%) are likely to witness a greater impact on their lending yields.
- We further believe that ALM positioning will play an important role in assessing the NIM impact, as banks with shorter deposit maturities and longer-duration fixed-rate assets are better positioned in a declining interest rate environment.
- We attempt a sensitivity analysis for banks to gain a better understanding of the impacts on NII, PPoP, and PAT under various scenarios of rate cuts (50bp, 75bp, and 100bp). We estimate that NIM will further moderate by 10-21bp for FY26 over our base case. Under a scenario of a 75bp rate cut, we expect a 4.4%-7.1% dip in PAT, as we are currently factoring in a 30-40bp rate cut in our numbers. Top picks: ICICI, HDFCB, SBI, FB, and AUBANK.

Mix of repo-linked loans significantly higher for private banks

- Banks with a higher share of loans linked to the repo rate are more sensitive to the potential decline in the repo rate, as these loans will be repriced promptly following a rate cut. In contrast, lenders with a larger proportion of fixed-rate loans stand to benefit.
- Among banks, AU Bank has ~62% of its loan book linked to fixed rate, followed by SBI at 37%. In contrast, private banks exhibit the highest proportions of loans linked to the repo rate or EBLR with Kotak at 60%, Axis Bank at 57%, ICICI Bank at 52%, Federal Bank at 50%, and HDFC Bank at 43%.
- PSBs are increasingly exposed to MCLR-linked loans, with Indian Bank holding the highest share at 58%, followed by Canara Bank at 48%, and SBI and PNB at 36% and 34%, respectively. Banks with a larger proportion of MCLR-linked loans are likely to demonstrate more resilient performance, as their loan portfolios reprice more gradually, providing them with additional time to adapt to fluctuations in interest rates.

ALM positioning key: Banks with shorter tenure deposits and longer-term assets are better placed

Effective Asset Liability Management (ALM) is a key factor in evaluating how different banks are positioned to navigate through the varying interest rate environment. By strategically maneuvering the duration of loans and deposits, banks can optimize their balance sheets to protect their margins. We observe that

Nitin Aggarwal - Research Analyst (Nitin.Aggarwal@MotilalOswal.com)

Research Analyst: Dixit Sankharva (Dixit.Sankharva@motilaloswal.com) | Disha Singhal (Disha Singhal@MotilalOswal.com)

banks with shorter-duration deposits stand to benefit in a declining rate environment, as they can reprice their liabilities more quickly. Conversely, banks with longer-duration advances will benefit, as they will continue to earn higher interest rates for an extended period. We have thus assessed the ALM profiles of key banks under our coverage and found that banks such as PNB, IIB, and CBK are better positioned in this regard (refer to Exhibit 4 for details).

Inflation surge to delay monetary easing to Feb'25

- Headline CPI inflation accelerated to a 14-month high of 6.2% in Oct'24, fueled by higher food inflation at 10.8% vs. 9.3% in Sep'24.
- Overall, inflation remains significantly higher than MOFSL estimates. During Apr-Oct'24, inflation stood at 4.8% vs. 5.4% in Apr-Oct'23. We will monitor inflation in 3QFY25 and believe that there are clear upside risks to the RBI's current projections.
- With rising inflation concerns, we comprehend that an imminent rate cut is unlikely. We thus expect the first rate cut to occur in Feb'25, even as GDP growth has considerably weakened.

GDP growth moderates sharply, making rate decision difficult

Real GDP grew at its slowest pace in seven quarters, recording an increase of 5.4% in 2QFY25 (vs. +6.7% in 1QFY25 and +8.1% in 2QFY24). This figure was significantly lower than the revised RBI projection of +6.7%. The deceleration in real GDP growth was primarily led by the lowest growth in gross fixed capital formation (GFCF) in six quarters, along with a sequential slowdown in private consumption. Further, the recent earnings data indicated a decline in corporate growth across multiple sectors, suggesting persistent weakness in the economic environment. This trend may prompt a recalibration of monetary policy. The RBI is likely to adopt a cautious stance due to the ongoing inflation pressures, deferring any rate cuts until Feb'25 to allow for a more comprehensive assessment of macroeconomic conditions while monitoring trends in GDP growth.

Systemic credit growth est. at 10.5% YoY; repo rate cut to offer modest boost

Systemic credit growth has significantly slowed to 11.1% as of 15th Nov '24, following two years of robust expansion. Banks are moderating credit growth to manage high CD ratios, with the slowdown exacerbated by asset quality issues in unsecured lending segments. As a result, we have revised our FY25 credit growth projection downward to 10.5% YoY from 12.5% YoY earlier. While rate cuts may stimulate some demand, external factors such as high CD ratios and stress in unsecured loans are likely to keep credit growth subdued over FY25E.

Correlation between repo rate and NIM high at 79%

NIM has demonstrated a strong 79% correlation with repo rate hikes from 1QFY22. Banks have benefited from these hikes, achieving peak NIMs around 4QFY23. However, subsequent increases in funding costs have led to moderation in spreads. For a few banks, NIMs have already returned to the pre-repo rate hike levels, including those of FB and DCB. The impending rate cuts, along with ongoing deposit repricing, will continue to exert pressure on margins over 1HFY26.

Motilal Oswal

Financials: Banks

Sensitivity analysis: Evaluating NII, PPoP, and PAT trajectories under varying rate cut scenarios

The quantum and the pace of rate cuts by the RBI will depend on macroeconomic factors such as inflation and GDP data. We have conducted a sensitivity analysis for banks to better understand the impact on NII, PPoP, and PAT under various rate cut scenarios (50bp, 75bp, and 100bp). We estimate that NIM will further moderate by 10-21bp for FY26 over our base case, with a projected PAT decline of 4.4% to 7.1% under a 75bp rate cut scenario. This projection already incorporates a 30-40bp rate cut in our base case estimates. For the detailed earnings sensitivity under various repo rate cut scenarios please refer to Exhibit 1. We further note that while PSBs are better positioned than private banks due to their higher proportion of MCLR-linked loans – making them less sensitive to rate cuts in terms of margins – the PAT impact for both of them is broadly similar, as PSBs have a much higher dependency on margins for their earnings compared to private banks.

Valuation and View

- We closely monitor the potential turn in the interest rate cycle and the overall pace of monetary easing, as these factors will significantly impact the underlying margin trajectory. Additionally, progress in deposit mobilization will be critical, as an elevated CD ratio and rising inflation rates will make it challenging for lenders to reduce deposit rates and, consequently, lower their funding costs.
- Banks with a higher proportion of fixed-rate loans and a lower duration of liabilities are expected to report more resilient NIM performance over FY26. However, we remain cautious about the ongoing delinquency cycle in unsecured loans and the associated interest reversals, as high credit costs and an adverse asset mix will exert pressure on banks' profitability.
- During 2QFY25, we have cut aggregate earnings for Private Banks by 1.1%/0.9% for FY25/26E respectively led by sharper cuts for mid-size banks (IIB, IDFCB, and RBK). We expect Private Bank earnings to grow at 16%/18% YoY over FY26/27E respectively, however we see downside risk to this growth in case of rate cuts.
- PSU Banks: Earnings momentum of PSU Banks remain strong leading us to raise our FY25 projections by 1.5%. However, with RoA profile nearly maturing, we estimate earnings growth to broadly track loan growth at 10-11% cagr over FY25-27E. Headwinds on margins and potential rise in credit cost remains a key risk. Top picks: ICICI, HDFCB, SBI, FB, and AUBANK.

Sensitivity analysis: Assessing earnings impact under different rate-cut scenarios

- The quantum and the pace of rate cuts by the RBI will depend on macroeconomic factors such as inflation and GDP data. We have conducted a sensitivity analysis for banks to better understand the impact on NII, PPoP, and PAT under various rate cut scenarios (50bp, 75bp, and 100bp).
- We estimate that NIM will further moderate by 10-21bp for FY26 over our base case, with a projected PAT decline of 4.4% to 7.1% under a 75bp rate cut scenario. This projection already incorporates a 30-40bp rate cut in our base case estimates.
- We further note that while PSBs are better positioned than private banks due to their higher proportion of MCLR-linked loans – making them less sensitive to rate cuts in terms of margins – the PAT impact for both of them is broadly similar, as PSBs have a much higher dependency on margins for their earnings compared to private banks.

Exhibit 1: Sensitivity analysis – Assessing the earnings impact under various rate-cut scenarios

								N	III	PP	οР	P	AT	NIMs	
INR b	Repo Cuts	N	Ш	PP	οР	P	ΑT	(% ch	ange)	(% ch	ange)	(% ch	ange)	(bp ch	ange)
Banks	(bp)	FY26E	FY27E	FY26E	FY27E										
ICICI Bank	Base case*	918	1,082	758	901	514	600								
	50	892	1,059	732	878	495	583	-2.8	-2.1	-3.4	-2.5	-3.7	-2.9	-12	-9
	75	879	1,051	719	870	485	576	-4.2	-2.9	-5.1	-3.5	-5.7	-4.0	-18	-13
	100	862	1,036	702	855	473	565	-6.0	-4.2	-7.3	-5.1	-8.1	-5.7	-26	-18
HDFC Bank	Base case*	1,367	1,552	1,138	1,314	761	878								
	50	1,339	1,536	1,111	1,299	739	866	-2.0	-1.0	-2.5	-1.2	-2.8	-1.3	-7	-4
	75	1,322	1,524	1,094	1,286	727	857	-3.3	-1.8	-3.9	-2.1	-4.4	-2.4	-12	-6
	100	1,302	1,502	1,074	1,265	712	840	-4.7	-3.2	-5.6	-3.8	-6.4	-4.3%	-17	-12
Axis Bank	Base case*	625	742	494	589	303	356								
	50	606	725	474	572	288	344	-3.1	-2.3	-4.0	-2.9	-4.9	-3.6	-12	-9
	75	595	719	464	565	281	339	-4.8	-3.2	-6.1	-4.0	-7.4	-5.0	-18	-12
	100	584	708	452	554	272	331	-6.6	-4.6	-8.4	-5.8	-10.3	-7.2	-25	-18
Kotak Bank	Base case*	328	391	246	294	161	193								
	50	318	382	237	284	154	186	-3.0	-2.4	-4.0	-3.2	-4.6	-3.6	-15	-12
	75	313	378	232	281	150	184	-4.4	-3.2	-5.9	-4.3	-6.8	-4.9	-21	-16
	100	307	374	225	277	145	181	-6.4	-4.3	-8.5	-5.8	-9.8	-6.6	-31	-22
SBI	Base case*	1,868	2,089	1,246	1,407	764	865								
	50	1,834	2,062	1,212	1,380	738	845	-1.9	-1.3	-2.8	-1.9	-3.4	-2.3	-6	-4
	75	1,807	2,042	1,185	1,361	718	830	-3.3	-2.2	-4.9	-3.3	-6.0	-4.0	-10	-7
	100	1,783	2,025	1,161	1,344	700	817	-4.6	-3.0	-6.9	-4.5	-8.4	-5.5	-14	-9
ВоВ	Base case*	526	584	370	416	204	225								
	50	513	573	356	405	194	217	-2.6	-1.9	-3.8	-2.7	-4.9	-3.6	-8	-6
	75	506	567	350	399	189	213	-3.8	-2.9	-5.5	-4.1	-7.1	-5.4	-11	-9
	100	500	561	344	394	185	209	-5.0	-3.9	-7.2	-5.4	-9.4	-7.2	-15	-11

*estimate Source: MOFSL, Company

Exhibit 2: MOFSL vs. consensus estimates – We are slightly below consensus on FY26E NII, while we remain broadly in line on FY26E PAT

		Co	nsensus	estimate		MOFSL vs. consensus (% change)						
INR b	NII		PPoP		PAT	PAT		NII		PPoP		Г
Banks	FY26E	FY27E	FY26E	FY27E	FY26E	FY27E	FY26E	FY27E	FY26E	FY27E	FY26E	FY27E
ICICI Bank	950	1,077	758	877	517	588	-3%	0%	0%	3%	0%	2%
HDFC Bank	1,439	1,607	1,184	1,392	777	937	-5%	-3%	-4%	-6%	-2%	-6%
Axis Bank	626	699	482	561	297	343	0%	6%	2%	5%	2%	4%
Kotak Bank	472	378	300	349	160	181	-31%	3%	-18%	-16%	0%	7%
SBI	1,929	2,150	1,249	1,421	748	837	-3%	-3%	0%	-1%	2%	3%
ВоВ	531	588	360	408	194	214	-1%	-1%	3%	2%	5%	5%

Source: Company, MOFSL

Exhibit 3: We estimate FY26/FY27 earnings for private banks to grow at 16%/18% and PSU banks earnings at 9%/12.4%, but see downside risk due to potential rate cut, quantum of which can be higher than what we factored in a quarter back due to growth weakness

Earnings (INR b)	FY23	FY24	FY25E	FY26E	FY27E
Private Banks					
AXSB	215.8	248.6	262.6	303.2	356.4
BANDHAN	21.9	22.3	39.1	42.6	47.8
DCBB	4.7	5.4	5.9	7.7	9.7
HDFCB	441.1	608.1	670.0	760.5	877.9
ICICIBC	319.0	408.9	459.1	514.5	599.8
IDFCFB	24.4	29.6	24.4	40.2	51.7
IIB	74.4	89.8	73.8	99.8	126.9
KMB	109.4	137.8	144.3	161.0	193.4
FB	30.1	37.2	41.6	49.4	60.4
RBK	8.8	11.7	10.2	17.2	25.5
AUBANK	13.3	15.3	22.4	29.2	38.7
EQUITASB	5.7	8.0	3.6	8.3	11.7
Total Pvt	1,268.6	1,622.6	1,757.2	2,033.6	2,399.9
YoY growth	40.2%	27.9%	8.3%	15.7%	18.0%
PSU Banks					
ВОВ	141.1	177.9	185.5	203.6	225.0
СВК	106.0	145.5	162.6	183.6	205.2
INBK	52.8	80.6	105.2	114.0	127.8
PNB	25.1	82.4	156.5	176.8	200.8
SBIN	502.3	610.8	712.3	764.0	864.5
UNBK	84.3	136.5	155.6	170.7	189.4
Total PSU	911.7	1,233.8	1,477.6	1,612.7	1,812.8
YoY growth	59.2%	35.3%	19.8%	9.1%	12.4%
Total Banks	2,180.2	2,856.4	3,234.8	3,646.4	4,212.7
YoY growth	47.6%	31.0%	13.2%	12.7%	15.5%
SBI Cards	22.6	24.1	20.4	28.6	35.8
Paytm		-14.2	-16.9	-7.0	2.1

Source: Company, MOFSL

Exhibit 4: AXSB, FB, KMB, ICICIBC, and HDFCB have higher EBLR/Repo-linked loans; PSBs have higher linkage to MCLR (%)

Loans Mix (%) - 2QFY25	MCLR	EBLR		Repo linked	Others (fixed, base rate, and foreign currency-floating)
AU BANK	28		10		62
AXSB	11	4		53	32
СВК	48	41			11
FB	10		50		40
HFCB	27	43			31
ICICIBC	16	1		51	32
INBK	58			36	6
KMB	13	60		-	27
PNB	34	8		41	17
RBL**	7	35			58
SBIN*	36		27		34
ВОВ	47	33			20

*as on 1QFY25 **as on 4QFY24

Source: MOFSL, Company

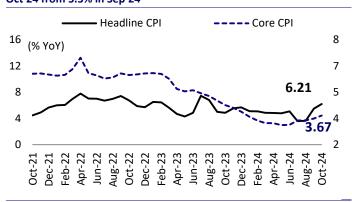
Exhibit 5: Banks with lower duration of deposits and longer duration of advances are well positioned in a declining rate environment

While we have historically observed limited correlation from the analysis of the maturity profile of a bank, typically the banks with higher duration of asset profile and lower duration of deposits are deemed to be better placed in a declining interest rate environment

			% difference
	<1 year Advances	<1 year Deposits	(higher the gap – the better)
PNB	36%	31%	5%
IIB	55%	53%	2%
СВК	43%	42%	1%
INBK	35%	37%	-2%
ICICIBC	30%	34%	-4%
FB	29%	36%	-7%
UNBK	48%	56%	-8%
IDFCFB	35%	46%	-11%
ВОВ	28%	42%	-14%
HDFCB	21%	35%	-15%
SBIN	20%	36%	-16%
RBK	53%	70%	-17%
AXSB	24%	42%	-18%
AU SFB	25%	50%	-24%
KMB	34%	67%	-33%

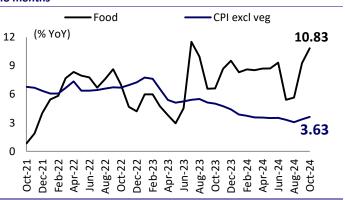
Data as on FY24, Source: MOFSL, Company

Exhibit 6: Retail inflation inched up to a 14-month high of 6.2% in Oct'24 from 5.5% in Sep'24



Core CPI excludes food & beverages and fuel & light

Exhibit 7: Food inflation mounted to 10.8% in Oct'24, the highest in 48 months



* Excluding food & energy

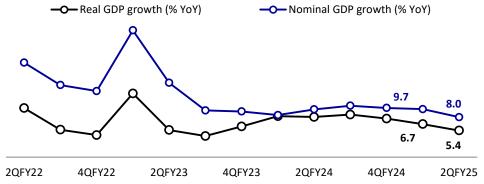
Exhibit 8: CPI and its key components

	FY24	Apr-Oct'23	Apr-Oct'24	Oct-23	Aug-24	Sep-24	Oct-24
Overall CPI	5.4	5.4	4.8	4.9	3.7	5.5	6.2
Food and beverages	7	6.4	7.5	6.3	5.3	8.4	9.7
Cereal and products	10.7	12.2	7.9	10.7	7.3	6.8	6.9
Pulses and products	15.2	12.1	13.5	18.8	13.6	9.8	7.4
Meat and fish	2.3	1.7	5.3	3.3	4.3	2.6	3.2
Milk and products	6.5	8	2.9	6.4	2.9	3	3
Vegetables	14.9	8	24.6	2.8	10.7	36	42.2
Pan, tobacco, and intoxicants	3.6	3.8	2.8	3.9	2.7	2.5	2.5
Fuel and light	1.2	3.1	-3.6	-0.4	-5.3	-1.3	-1.6
Housing	3.9	4.4	2.7	3.8	2.7	2.7	2.8
Clothing and footwear	4.7	5.7	2.7	4.3	2.7	2.7	2.7
Miscellaneous	4.5	4.9	3.8	4.5	3.9	4	4.3
Transport and communication	1.9	2	2	2	2.7	2.7	2.7
Core CPI*	4.3	4.8	3.3	4.3	3.4	3.5	3.7

^{*}Excluding food & beverages and fuel & light

Source: Central Statistics Office (CSO), MOFSL

Exhibit 9: Real GDP growth (%) hits a seven-quarter low of 5.4% YoY in 2QFY25; elevated inflation will nevertheless make it difficult for RBI to reduce interest rate



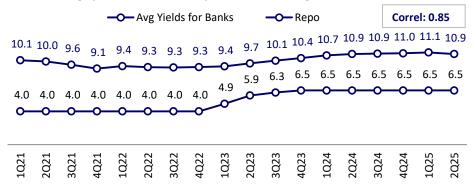
Source: MOFSL, RBI, E- RBI projections

Exhibit 10: Yields movement in line with repo rate for most banks

YoA (%)	1Q22	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23	4Q23	1Q24	2Q24	3Q24	4Q24	1Q25	2Q25
AXSB	8.17	8.08	8.22	7.91	8.45	9.02	9.58	9.43	10.33	10.44	10.56	10.32	10.32	10.23
HDFCB	8.77	8.62	8.50	8.29	8.62	9.08	9.72	9.60	10.10	11.40	11.49	11.39	11.51	9.84
ICICIBC	8.26	8.34	8.19	8.31	8.12	8.63	9.13	9.75	9.86	9.81	9.79	9.88	9.80	9.73
IDFCFB	12.94	14.18	12.93	13.63	13.83	15.19	15.26	15.37	15.59	15.89	16.30	15.95	15.93	15.43
IIB	11.75	11.66	11.36	11.29	11.39	11.51	11.75	12.02	12.24	12.30	12.45	12.66	12.57	12.31
КМВ	8.70	8.39	8.50	8.44	9.09	9.68	10.14	10.53	10.91	10.81	10.99	10.89	10.89	10.84
FB	8.15	8.11	8.04	7.92	7.94	8.29	8.78	9.13	9.21	9.35	9.37	9.48	9.43	9.35
ВоВ	6.85	6.55	6.92	6.81	6.58	7.22	7.78	8.47	8.40	8.43	8.51	8.75	8.55	8.48
СВК	7.09	7.12	7.23	7.22	7.03	7.24	7.45	7.70	8.43	8.56	8.60	8.71	8.66	8.77
PNB	6.93	6.48	7.11	6.64	6.49	6.91	7.23	7.90	8.05	8.15	8.45	8.44	8.33	8.31
SBIN	7.42	7.51	7.57	7.58	7.43	7.66	7.87	8.10	8.78	8.86	8.88	8.91	8.83	8.87
UNBK	7.26	7.12	7.20	6.98	7.14	7.65	7.84	8.03	8.43	8.81	8.75	8.87	8.72	8.70
INBK	7.06	6.98	7.19	7.00	7.16	7.48	8.19	8.17	8.53	8.75	8.78	8.81	8.69	8.77
AUBANK	15.09	14.49	13.89	13.75	14.51	15.06	14.81	14.43	14.40	14.28	13.88	13.64	16.22	16.50
RBK	11.60	11.30	11.26	12.22	12.35	12.21	12.78	13.54	13.87	14.03	14.00	14.12	14.17	13.54
BANDHAN	13.70	12.40	12.60	13.30	12.90	12.00	12.00	12.70	13.30	13.30	13.40	13.80	13.90	13.70
DCBB	10.50	10.66	10.67	11.00	10.65	10.81	10.99	11.67	11.55	11.56	11.44	11.71	11.50	11.39
REPO RATE	4.00	4.00	4.00	4.00	4.90	5.90	6.25	6.50	6.50	6.50	6.50	6.50	6.50	6.50

Source: MOFSL, Company

Exhibit 11: Average yields for banks and repo rate have a strong correlation of 85%



Source: MOFSL, Company

Exhibit 12: NIMs benefitted from repo hikes; however, with funding costs catching up, margins witnessed moderation

NIM (%)	1Q22	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23	4Q23	1Q24	2Q24	3Q24	4Q24	1Q25	2Q25
AXSB	3.46	3.39	3.53	3.49	3.60	3.96	4.26	4.22	4.10	4.11	4.01	4.06	4.05	3.99
HDFCB	4.10	4.10	4.10	4.00	4.00	4.10	4.10	4.10	4.10	3.40	3.40	3.44	3.47	3.46
ICICIBC	3.89	4.00	3.96	4.00	4.01	4.31	4.65	4.90	4.78	4.53	4.43	4.40	4.36	4.27
IDFCFB	5.50	5.83	6.18	6.27	5.89	5.98	6.36	6.41	6.33	6.32	6.42	6.35	6.22	6.18
IIB	4.06	4.07	4.10	4.20	4.21	4.24	4.27	4.28	4.29	4.29	4.29	4.26	4.25	4.08
KMB	4.60	4.45	4.62	4.78	4.92	5.15	5.47	5.75	5.57	5.22	5.22	5.28	5.02	4.91
FB	3.15	3.20	3.27	3.16	3.22	3.35	3.55	3.36	3.20	3.22	3.19	3.21	3.16	3.12
ВоВ	3.04	2.85	3.13	3.08	3.02	3.33	3.37	3.53	3.27	3.07	3.10	3.27	3.18	3.10
СВК	2.71	2.77	2.83	2.93	2.78	2.86	3.05	3.07	3.05	3.00	3.03	3.07	2.90	2.86
PNB	2.74	2.39	2.93	2.76	2.79	3.00	3.16	3.24	3.08	3.11	3.15	3.10	3.07	2.92
SBIN	2.92	3.24	3.15	3.12	3.02	3.32	3.50	3.60	3.33	3.29	3.22	3.30	3.22	3.14
UNBK	3.08	2.95	3.00	2.75	3.00	3.15	3.21	2.98	3.13	3.18	3.08	3.09	3.05	2.90
INBK	2.85	2.89	3.03	2.87	3.10	3.20	3.74	3.59	3.61	3.52	3.49	3.52	3.53	3.49
AUBANK	6.00	6.10	6.30	6.30	5.90	6.20	6.20	6.10	5.72	5.50	5.50	5.10	6.00	6.05
RBK	4.36	4.06	4.34	5.04	5.04	5.02	5.27	5.62	5.53	5.54	5.52	5.45	5.67	5.35
BANDHAN	8.50	7.60	7.80	8.70	8.00	7.00	6.50	7.30	7.30	7.20	7.20	7.60	7.60	7.40
DCBB	3.31	3.37	3.61	3.93	3.61	3.88	4.02	4.18	3.83	3.69	3.48	3.62	3.39	3.27
REPO RATE	4.00	4.00	4.00	4.00	4.90	5.90	6.25	6.50	6.50	6.50	6.50	6.50	6.50	6.50

Source: MOFSL, Company

Exhibit 13: NIMs and repo rate have a healthy correlation of 79%

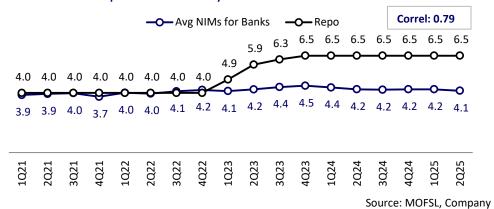


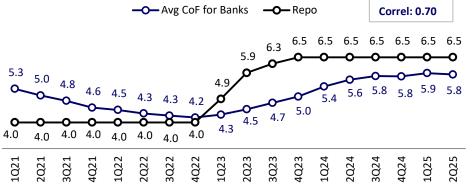
Exhibit 14: Cost of funds mounting across banks

COF (%)	1Q22	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23	4Q23	1Q24	2Q24	3Q24	4Q24	1Q25	2Q25
AXSB	3.97	3.87	3.77	3.83	3.89	4.09	4.34	4.75	5.03	5.17	5.35	5.43	5.44	5.45
HDFCB	3.87	3.75	3.71	3.63	3.10	3.30	3.50	3.70	4.00	4.80	4.90	4.90	4.90	4.90
ICICIBC	3.82	3.71	3.66	3.68	3.67	3.78	3.95	4.29	4.60	4.78	4.96	5.05	5.05	5.09
IDFCFB	5.82	5.49	5.51	5.14	5.62	6.11	6.35	6.28	6.59	6.74	6.92	6.62	6.94	6.75
IIB	4.53	4.37	4.26	4.08	4.14	4.41	4.72	4.92	5.31	5.40	5.46	5.59	5.62	5.61
KMB	3.25	3.28	3.17	3.17	3.26	3.58	3.83	4.11	4.62	5.10	5.24	5.00	5.10	5.15
FB	4.34	4.16	4.15	3.97	4.07	4.48	4.71	5.21	5.42	5.63	5.80	5.97	5.90	5.93
ВоВ	3.66	3.52	3.56	3.50	3.77	3.93	4.39	4.67	5.04	5.30	5.34	5.22	5.31	5.25
СВК	3.71	3.67	3.60	3.60	3.64	3.75	3.86	4.03	4.76	4.86	4.93	5.00	5.25	5.26
PNB	3.48	3.47	3.42	3.43	3.39	3.40	3.66	3.90	4.19	4.32	4.42	4.52	4.54	4.57
SBIN	3.86	3.83	3.76	3.69	3.84	4.01	4.26	4.48	4.82	5.01	5.31	5.03	5.40	5.31
UNBK	4.16	4.15	4.04	4.04	4.21	4.41	4.64	4.90	5.30	5.40	5.55	5.62	5.63	5.75
INBK	4.08	3.89	3.86	3.80	3.83	4.05	4.26	4.44	4.75	4.97	5.09	5.13	5.12	5.22
AUBANK	6.30	6.10	5.90	5.70	5.70	5.80	5.97	6.29	6.58	6.70	6.90	7.00	7.03	7.04
RBK	5.27	5.10	4.82	4.81	4.87	5.19	5.55	5.85	6.15	6.33	6.45	6.51	6.63	6.57
BANDHAN	5.70	5.30	5.20	5.10	5.30	5.50	5.80	5.80	6.40	6.50	6.60	6.60	7.00	7.00
DCBB	6.34	6.19	6.07	6.04	6.00	5.97	6.05	6.41	6.70	6.85	7.02	7.14	7.19	7.17
REPO RATE	4.00	4.00	4.00	4.00	4.90	5.90	6.25	6.50	6.50	6.50	6.50	6.50	6.50	6.50

*HDFCB's CoF before 1QFY23 is on calc basis

**KMB's CoF before 1QFY25 is on calc basis Source: MOFSL, Company

Exhibit 15: Average cost of funds and repo rate have a relatively low correlation of 70%, mainly due to stability from CASA deposits



Source: MOFSL, Company

Exhibit 16: CASA ratio continues to moderate for most banks



Source: MOFSL, Company

Note: Decline in HDFCB is attributed partly to the merger; , Source: MOFSL, Company

5 December 2024 9

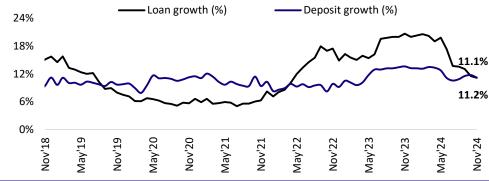
Exhibit 18: Peak term deposit rates across different buckets for major banks

(%)	7-14	0-3	3-9	9-15	15-36
(70)	days	months	months	months	months
Large Private Banks					
HDFCB	3.00	4.50	5.75	6.60	7.35
AXSB	3.00	4.50	5.75	6.70	7.25
ICICIBC	3.00	4.50	5.75	6.70	7.25
KMB	2.75	3.50	7.00	7.40	7.40
IIB	3.50	4.75	6.10	7.99	7.25
Mid-size Private Banks					
RBK	3.50	4.50	6.05	7.50	8.10
IDFCFB	3.00	4.50	5.75	7.90	7.90
BANDHAN	3.00	4.50	4.50	8.05	8.00
Federal	3.00	5.50	6.50	7.35	7.40
Small Finance Banks					
AUBANK	3.75	5.50	7.25	7.85	8.00
EQUITASB	3.50	4.50	6.75	8.15	8.25
JANASFB	3.10	5.10	8.10	8.45	8.45
UJJIVAN	3.75	4.25	7.50	8.25	8.00

Source: MOFSL, Company

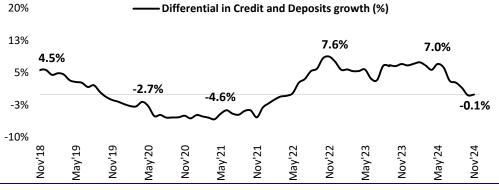
Exhibit 19: Credit growth moderated sharply to 11.1% YoY

Deposit growth of 11.2% broadly on par with credit growth of 11.1%



Credit growth adjusted for HDFC merger; Source: MOFSL, RBI

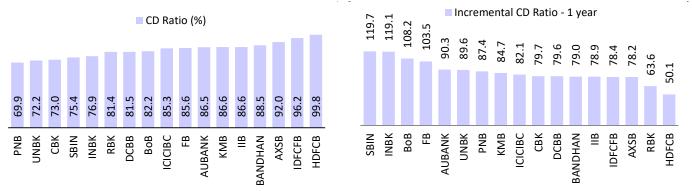
Exhibit 20: Credit & deposit growth differential almost NIL now after a gap of a few years



Source: MOFSL, RBI

Exhibit 21: CD ratio remained high for PVBs; PSBs had a lower CD Exhibit 22: Incremental CD ratio though has been higher for most ratio (as of 2QFY25)

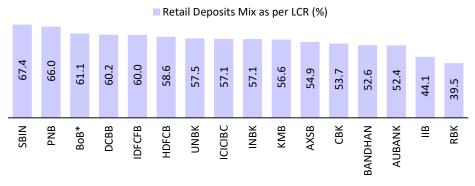
PSBs



Higher CD ratio for HDFCB amid merger; Source: MOFSL, Company

Source: MOFSL, Company

Exhibit 23: Retail deposits across banks as per LCR



*data indicates as on 1QFY25, Source: MOFSL, Company

Valuation and View

- We closely monitor the potential turn in the interest rate cycle and the overall pace of monetary easing, as these factors will significantly impact the underlying margin trajectory. Additionally, progress in deposit mobilization will be critical, as an elevated CD ratio and rising inflation rates will make it challenging for lenders to reduce deposit rates and, consequently, lower their funding costs.
- Banks with a higher proportion of fixed-rate loans and a lower duration of liabilities are expected to report more resilient NIM performance over FY26. However, we remain cautious about the ongoing delinquency cycle in unsecured loans and the associated interest reversals, as high credit costs and an adverse asset mix will exert pressure on banks' profitability.
- During 2QFY25, we have cut aggregate earnings for Private Banks by 1.1%/0.9% for FY25/26E respectively led by sharper cuts for mid-size banks (IIB, IDFCB, and RBK). We expect Private Bank earnings to grow at 16%/18% YoY over FY26/27E respectively, however we see downside risk to this growth in case of rate cuts.
- PSU Banks: Earnings momentum of PSU Banks remain strong leading us to raise our FY25 projections by 1.5%. However, with RoA profile nearly maturing, we estimate earnings growth to broadly track loan growth at 10-11% cagr over FY25-27E. Headwinds on margins and potential rise in credit cost remains a key risk. Top picks: ICICI, HDFCB, SBI, FB, and AUBANK.

Exhibit 24: BFSI - Valuation summary

Exhibit 24: BFSI – Val	uation sur	mmary													
		CMP	Mkt. Cap	TP	Upside		(INR)	RoA	• •	RoE			(x)		V (x)
	Rating	(INR)	(INRb)	(INR)	(%)	FY26E	FY27E	FY26E	FY27E	FY26E	FY27E	FY26E	FY27E	FY26E	FY27E
Private Banks															
ICICIBC*	Buy	1,315	9,269	1,500	14	73.3	85.4	2.2	2.2	17.4	17.4	14.4	12.4	2.3	2.0
HDFCB*	Buy	1,860	14,194	2,050	10	100.1	115.6	1.8	1.9	14.6	14.9	15.6	13.5	2.2	1.9
AXSB*	Neutral	1,159	3,586	1,225	6	98.2	115.5	1.7	1.8	15.9	16.0	10.7	9.1	1.6	1.3
BANDHAN	Neutral	178	287	190	7	26.5	29.7	1.9	1.8	16.3	16.1	6.7	6.0	1.0	0.9
KMB*	Neutral	1,757	3,493	1,950	11	81.0	97.3	2.2	2.3	13.6	14.2	14.1	11.7	1.8	1.6
IIB	Buy	999	778	1,500	50	128.2	163.1	1.6	1.8	13.6	15.2	7.8	6.1	1.0	0.9
FB	Buy	215	528	230	7	20.3	24.8	1.3	1.3	14.1	15.1	10.6	8.7	1.4	1.2
DCBB	Buy	129	41	160	24	24.7	31.0	1.0	1.0	13.7	15.1	5.2	4.2	0.7	0.6
IDFCFB	Neutral	66	496	73	10	5.7	7.3	1.0	1.1	11.0	12.6	11.7	9.1	1.2	1.1
EQUITASB	Buy	65	74	80	23	7.3	10.3	1.4	1.6	12.8	16.0	8.9	6.3	1.1	0.9
AUBANK	Buy	595	443	830	39	39.3	51.8	1.7	1.8	16.2	18.1	15.1	11.5	2.3	1.9
RBK	Neutral	174	105	170	-2	28.4	42.2	1.0	1.3	10.7	14.6	6.1	4.1	0.6	0.6
PSU Banks															
SBIN*	Buy	859	7,670	1,000	16	85.6	96.9	1.1	1.1	17.4	17.2	7.1	6.3	1.1	1.0
PNB	Neutral	110	1,265	120	9	15.4	17.5	1.0	1.0	14.1	14.3	7.2	6.3	0.9	0.8
ВОВ	Buy	261	1,349	290	11	39.3	43.5	1.1	1.1	15.7	15.4	6.6	6.0	1.0	0.9
СВК	Buy	109	985	125	15	20.2	22.6	1.1	1.1	18.9	18.7	5.4	4.8	0.9	0.8
UNBK	Buy	128	979	135	5	22.4	24.8	1.1	1.1	15.4	15.1	5.7	5.2	0.8	0.7
INBK	Buy	603	813	670	11	83.7	93.9	1.2	1.3	17.3	17.0	7.2	6.4	1.1	1.0
Payments & Fintech	Duy	000	013	0,0		03.7	33.3		1.0	17.5	17.0	,	0.1		2.0
Paytm***	Neutral	940	598	700	-25	-10.5	3.1	-3.4	0.9	-5.7	1.7	-89.1	306.7	5.1	5.2
SBICARD	Neutral	715	680	750	5	30.1	37.6	3.8	4.1	18.8	19.7	23.8	19.0	4.1	3.4
Life Insurance	iveditai	713	000	750		30.1	37.0	5.0	7.1	10.0	13.7	23.0	13.0	7.1	3.4
HDFCLIFE**	Buy	650	1,399	900	38	9.5	10.6	NA	NA	16.3	16.8	68.6	61.5	2.2	1.9
IPRULIFE**	•	676	974	900	33	7.9	10.6	NA	NA	19.8	20.3	85.5	64.0	1.6	1.3
SBILIFE**	Buy	1,452		2,100	45	24.8	27.7	NA	NA	20.0	19.1	58.6	52.5	1.7	
MAXF**	Buy	1,432	1,454 403	1,300	11	16.9	22.8	NA	NA	19.4	19.1	69.1	51.3	1.7	1.4
LICI**	Neutral						76.8								
	Buy	971	6,141	1,200	24	71.1	/0.8	NA	NA	11.2	10.9	13.7	12.6	0.7	0.6
General Insurance	D	401	207	C20	20	24.2	27.4	NIA	NI A	1 - 1	100	22.0	17.0	2.2	2.7
Star Health	Buy	491	287	630	28	21.3	27.4	NA	NA	15.1	16.6	23.0	17.9	3.2	2.7
ICICI Lombard	Buy	1,951	965	2,400	23	58.2	73.4	NA	NA	19.6	21.2	33.5	26.6	6.2	5.2
Capital Market		2 222	272	2.600	10	400.7	2644			245	20.0	16.0	44.5	2 7	2.4
Angel One	Buy	3,032	273	3,600	19		264.1	NA	NA	24.5	29.0	16.0	11.5	3.7	3.1
Cams Services	Buy	5,183	254	5,500	6	119.5	144.0	NA	NA	49.3	49.9	43.4	36.0	19.7	16.5
360 One Wam	Buy	1,128	437	1,300	15	33.0	37.7	NA	NA	19.5	21.1	34.2	29.9	6.4	6.2
Exchanges	Nicotock	4.572	640	4.500		1010	447.0	81.6	N. A	247	240	42.6	20.0	45.4	42.5
BSE	Neutral	4,572	619	4,500	-2	104.9	117.8	NA	NA	34.7	34.9	43.6	38.8	15.1	13.5
MCX	Buy	6,311	322	7,600	20	158.5	188.9	NA	NA	51.1	54.7	39.8	33.4	19.4	17.3
Housing Finance	Dini	629	251	760	10	02.4	102.1	1.6	1.6	12.7	12 5	6.0	6.2	0.9	0.0
LIC HF	Buy	638	351		19	93.4 88.8	102.1	1.6	1.6	13.7	13.5	6.8	8.4	1.3	0.8
PNB HF	Buy	914 1,661	237 130	1,160 1,800	27 8	90.2	112.7	2.5 3.3	2.6 3.4	12.9 15.2	14.0 16.2	10.3 18.4	14.7	2.6	2.2
Aavas HomeFirst	Neutral	1,200	94		10	52.8	66.1	3.4	3.4	17.5	18.5	22.7	18.2	3.7	3.1
CanFin	Buy Neutral	844	112	1,320 900	7	72.6	83.2	2.2	2.1	17.4	17.0	11.6	10.1	1.9	1.6
Repco	Neutral	486	30	500	3	70.3	78.5	2.8	2.1	12.5	12.4	6.9	6.2	0.8	0.7
Vehicle Finance	Neutrai	400	30	300	3	70.5	76.5	2.0	2.0	12.5	12.4	0.9	0.2	0.8	0.7
Cholamandalam	Buy	1,293	1,086	1,500	16	70.2	92.1	2.7	2.9	21.7	22.3	18.4	14.0	3.5	2.8
MMFS	Buy	286	353	320	12	24.8	31.1	2.7	2.9	14.0	15.7	11.5	9.2	1.5	1.4
Shriram Finance	Buy	3,130	1,176	3,700	18	264.7	321.6	3.2	3.3	16.8	17.7	11.8	9.7	1.9	1.6
Indostar	Buy	284	39	300	6	16.4	24.8	1.5	1.9	6.7	9.1	17.4	11.5	1.1	1.0
Gold Finance	Day	204	33	300	U	10.4	۷٦.0	1.5	1.5	5.7	J.1	±/. '	11.5	1.1	1.0
Muthoot	Neutral	1,947	781	1,815	-7	151.6	169.0	5.3	5.2	19.8	18.9	12.8	11.5	2.4	2.0
Manappuram	Neutral	170	144	160	-6	27.9	35.2	4.3	4.7	16.3	17.7	6.1	4.8	0.9	0.8
Manapparam	recutian	1,0	744	100	U	27.5	JJ.2	٠.٠	т./	10.5	±/./	5.1	٠.٠	3.3	0.0

		CMP	Mkt. Cap	TP	Upside	FDC	(INR)	Po/	\ (%)	PoF	: (%)	D/E	(x)	D/R	V (x)
		_	•		•		`		• •		`	-			
	Rating	(INR)	(INRb)	(INR)	(%)	FY26E	FY27E	FY26E	FY27E	FY26E	FY27E	FY26E	FY27E	FY26E	FY27E
Diversified															
BAF	Neutral	6,732	4,167	7,250	8	342.6	439.7	4.0	4.1	19.8	21.2	19.7	15.3	3.6	3.0
Poonawalla	Buy	359	278	420	17	14.6	23.3	3.0	3.5	12.9	17.9	24.6	15.4	3.0	2.5
ABCL	Buy	199	518	250	26	16.5	19.9	0.0	0.0	13.4	14.3	12.1	10.0	1.5	1.3
LTFH	Buy	149	371	180	21	13.9	18.5	2.6	2.8	12.8	15.3	10.7	8.0	1.3	1.2
PIEL	Neutral	1,236	278	1,090	-12	57.4	75.3	1.3	1.5	4.7	5.9	21.6	16.4	1.0	0.9
MAS Financial	Buy	281	51	340	21	22.2	27.2	3.1	3.2	15.0	16.0	12.7	10.3	1.8	1.5
IIFL Finance	Buy	438	186	520	19	50.7	64.4	3.4	3.6	16.1	17.5	8.6	6.8	1.3	1.1
Microfinance															
CreditAccess	Buy	885	141	1,140	29	102.5	128.7	4.9	5.1	19.7	20.3	8.6	6.9	1.6	1.3
Fusion Micro	Neutral	180	18	190	5	46.2	65.8	4.0	4.6	17.1	20.2	3.9	2.7	0.6	0.5
Spandana Sphoorty	Buy	397	28	430	8	69.0	101.5	3.7	4.4	12.8	16.3	5.8	3.9	0.7	0.6
Power Financiers															
PFC	Buy	510	1,683	590	16	55.4	62.2	3.0	2.9	18.8	18.5	9.2	8.2	1.6	1.4
REC	Buy	544	1,432	630	16	69.3	80.1	2.6	2.6	20.9	20.7	7.8	6.8	1.5	1.3
MSME															
Five-Star	Buy	631	185	850	35	43.0	51.2	7.7	7.1	18.3	18.2	14.7	12.3	2.5	2.1

^{*}Adjusted for subsidiaries; **BV represents EV, RoE represents ROEV and P/ABV represents P/EV ***For Paytm, ABV represents Sales per share Source: MOFSL, Company

Investment in securities market are subject to market risks. Read all the related documents carefully before investing

NOTES

Explanation of Investment Rating		
Investment Rating	Expected return (over 12-month)	
BUY	>=15%	
SELL	< - 10%	
NEUTRAL	> - 10 % to 15%	
UNDER REVIEW	Rating may undergo a change	•
NOT RATED	We have forward looking estimates for the stock but we refrain from assigning recommendation	

*In case the recommendation given by the Research Analyst is inconsistent with the investment rating legend for a continuous period of 30 days, the Research Analyst shall within following 30 days take appropriate measures to make the recommendation consistent with the investment rating legend.

Disclosures:

The following Disclosures are being made in compliance with the SEBI Research Analyst Regulations 2014 (herein after referred to as the Regulations).

Motilal Oswal Financial Services Ltd. (MOFSL) is a SEBI Registered Research Analyst having registration no. INH000000412. MOFSL, the Research Entity (RE) as defined in the Regulations, is engaged in the business of providing Stock broking services, Depository participant services & distribution of various financial products. MOFSL is a listed public company, the details in respect of which are available on www.motilaloswal.com. MOFSL (erstwhile Motilal Oswal Securities Limited - MOSL) is registered with the Securities & Exchange Board of India (SEBI) and is a registered Trading Member with National Stock Exchange of India Ltd. (NSE) and Bombay Stock Exchange Limited (BSE), Multi Commodity Exchange of India Limited (MCX) and National Commodity & Derivatives Exchange Limited (NCDEX) for its stock broking activities & is Depository participant with Central Depository Services Limited (CDSL) National Securities Depository Limited (NSDL), NERL, COMRIS and CCRL and is member of Association of Mutual Funds of India (AMFI) for distribution of financial products and Insurance Regulatory & Development Authority of India (IRDA) as Corporate Agent for insurance products. Details of associate entities of Motilal Oswal Financial Services Ltd. are available on the website at http://onlinereports.motilaloswal.com/Dormant/documents/Associate%20Details.pdf

Details of pending Enquiry Proceedings of Motilal Oswal Financial Services Limited are available on the website at https://galaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx

MOFSL, it's associates, Research Analyst or their relatives may have any financial interest in the subject company. MOFSL and/or its associates and/or Research Analyst or their relatives may have actual beneficial ownership of 1% or more securities in the subject company at the end of the month immediately preceding the date of publication of the Research Report or date of the public appearance. MOFSL and its associate company(ies), their directors and Research Analyst and their relatives may have any other potential conflict of interests at the time of publication of the research report or at the time of public appearance, however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report.

In the past 12 months, MOFSL or any of its associates may have:

- received any compensation/other benefits from the subject company of this report
- managed or co-managed public offering of securities from subject company of this research report, b)
- received compensation for investment banking or merchant banking or brokerage services from subject company of this research report, c)
- received compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company of this research report. d)
- MOFSL and it's associates have not received any compensation or other benefits from the subject company or third party in connection with the research report.
- Subject Company may have been a client of MOFSL or its associates during twelve months preceding the date of distribution of the research report.
- Research Analyst may have served as director/officer/employee in the subject company.
- MOFSL and research analyst may engage in market making activity for the subject company.

MOFSL and its associate company(ies), and Research Analyst and their relatives from time to time may have:

a) a long or short position in, act as principal in, and buy or sell the securities or derivatives thereof of companies mentioned herein.

(b) be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies) or may have any other potential conflict of interests with respect to any recommendation and other related information and opinions.; however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report.

Above disclosures include beneficial holdings lying in demat account of MOFSL which are opened for proprietary investments only. While calculating beneficial holdings, It does not consider demat accounts which are opened in name of MOFSL for other purposes (i.e holding client securities, collaterals, error trades etc.). MOFSL also earns DP income from clients which are not considered in above disclosures. To enhance transparency, MOFSL has incorporated a Disclosure of Interest Statement in this document. This should, however, not be treated as endorsement of the views expressed in the report. MOFSL and / or its affiliates do and seek to do business including investment banking with companies covered in its research reports. As a result, the recipients of this report should be aware that MOFSL may have a potential conflict of interest that may affect the objectivity of this report.

Terms & Conditions:

This report has been prepared by MOFSL and is meant for sole use by the recipient and not for circulation. The report and information contained herein is strictly confidential and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent of MOFSL. The report is based on the facts, figures and information that are considered true, correct, reliable and accurate. The intent of this report is not recommendatory in nature. The information is obtained from publicly available media or other sources believed to be reliable. Such information has not been independently verified and no guaranty, representation of warranty, express or implied, is made as to its accuracy, completeness or correctness. All such information and opinions are subject to change without notice. The report is prepared solely for informational purpose and does not constitute an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments for the clients. Though disseminated to all the customers simultaneously, not all customers may receive this report at the same time. MOFSL will not treat recipients as customers by virtue of their receiving this report.

Analyst Certification

The views expressed in this research report accurately reflect the personal views of the analyst(s) about the subject securities or issues, and no part of the compensation of the research analyst(s) was, is, or will be directly or indirectly related to the specific recommendations and views expressed by research analyst(s) in this report.

A graph of daily closing prices of securities is available at www.nseindia.com. Research Analyst views on Subject Company may vary based on Fundamental research and Technical Research. Proprietary trading desk of MOFSL or its associates maintains arm's length distance with Research Team as all the activities are segregated from MOFSL research activity and therefore it can have an independent view with regards to subject company for which Research Team have expressed their views.

Regional Disclosures (outside India)

This report is not directed or intended for distribution to or use by any person or entity resident in a state, country or any jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject MOFSL & its group companies to registration or licensing requirements within such jurisdictions.

This report is distributed in Hong Kong by Motilal Oswal capital Markets (Hong Kong) Private Limited, a licensed corporation (CE AYY-301) licensed and regulated by the Hong Kong Securities and Futures Commission (SFC) pursuant to the Securities and Futures Ordinance (Chapter 571 of the Laws of Hong Kong) "SFO". As per SEBI (Research Analyst Regulations) 2014 Motilal Oswal Financial Services Limited (SEB) Reg No. INH000000412) has an agreement with Motilal Oswal capital Markets (Hong Kong) Private Limited for distribution of research report in Hong Kong. This report is intended for distribution only to "Professional Investors" as defined in Part I of Schedule 1 to SFO. Any investment or investment activity to which this document relates is only available to professional investor and will be engaged only with professional investors." Nothing here is an offer or solicitation of these securities, products and services in any jurisdiction where their offer or sale is not qualified or exempt from registration. The Indian Analyst(s) who compile this report is/are not located in Hong Kong & are not conducting Research Analysis in Hong Kong.

For U.S.

MOTILAL Oswal Financial Services Limited (MOFSL) is not a registered broker - dealer under the U.S. Securities Exchange Act of 1934, as amended (the "1934 act") and under applicable state laws in the United States. In addition MOFSL is not a registered investment adviser under the U.S. Investment Advisers Act of 1940, as amended (the "Advisers Act" and together with the 1934 Act, the "Acts), and under applicable state laws in the United States. Accordingly, in the absence of specific exemption under the Acts, any brokerage and investment services provided by MOFSL, including the products and services described herein are not available to or intended for U.S. persons. This report is intended for distribution only to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the Exchange Act and interpretations thereof by SEC (henceforth referred to as "major institutional investors"). This document must not be acted on or relied on by persons who are not major institutional investors. Any investment or investment activity to which this document relates is only available to major institutional investors and will be engaged in only with major institutional investors. In reliance on the exemption from registration provided by Rule 15a-6 of the U.S. Securities Exchange Act of 1934, as amended (the "Exchange Act") and interpretations thereof by the U.S. Securities and Exchange Commission

5 December 2024 15

("SEC") in order to conduct business with Institutional Investors based in the U.S., MOFSL has entered into a chaperoning agreement with a U.S. registered broker-dealer, Motilal Oswal Securities International Private Limited. ("MOSIPL"). Any business interaction pursuant to this report will have to be executed within the provisions of this chaperoning agreement.

The Research Analysts contributing to the report may not be registered /qualified as research analyst with FINRA. Such research analyst may not be associated persons of the U.S. registered broker-dealer, MOSIPL, and therefore, may not be subject to NASD rule 2711 and NYSE Rule 472 restrictions on communication with a subject company, public appearances and trading securities held by a research analyst account.

For Singapore

In Singapore, this report is being distributed by Motilal Oswal Capital Markets Singapore Pte Ltd ("MOCMSPL") (Co. Reg. NO. 2011294012) which is a holder of a capital markets services license and an exempt financial adviser in Singapore. Persons in Singapore should contact MOCMSPL in respect of any matter arising from, or in connection with this report/publication/communication. This report is distributed solely to persons who qualify as "Institutional Investors", of which some of whom may consist of "accredited" institutional investors as defined in section 4A(1) of the Securities and Futures Act of Singapore .Accordingly, if a Singapore person is not, or ceases to be, such an investor, they must immediately discontinue any use of this Report and inform MOCMSPL.

Disclaimer:

The report and information contained herein is strictly confidential and meant solely for the selected recipient and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent. This report and information herein is solely for informational purpose and may not be used or considered as an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments. Nothing in this report constitutes investment, legal, accounting and tax advice or a representation that any investment or strategy is suitable or appropriate to your specific circumstances. The securities discussed and opinions expressed in this report may not be suitable for all investors, who must make their own investment decisions, based on their own investment objectives, financial positions and needs of specific recipient. This may not be taken in substitution for the exercise of independent judgment by any recipient. Each recipient of this document should make such investigations as it deems necessary to arrive at an independent evaluation of an investment in the securities of companies referred to in this document (including the merits and risks involved), and should consult its own advisors to determine the merits and risks of such an investment. The investment discussed or views expressed may not be suitable for all investors. Certain transactions -including those involving futures, options, another derivative products as well as non-investment grade securities - involve substantial risk and are not suitable for all investors. No representation or warranty, express or implied, is made as to the accuracy, completeness or fairness of the information and opinions contained in this document. The Disclosures of Interest Statement incorporated in this document is provided solely to enhance the transparency and should not be treated as endorsement of the views expressed in the report. This information is subject to change without any prior notice. The Company reserves the right to make modifications and alternations to this statement as may be required from time to time without any prior approval. MOFSL, its associates, their directors and the employees may from time to time, effect or have effected an own account transaction in, or deal as principal or agent in or for the securities mentioned in this document. They may perform or seek to perform investment banking or other services for, or solicit investment banking or other business from, any company referred to in this report. Each of these entities functions as a separate, distinct and independent of each other. The recipient should take this into account before interpreting the document. This report has been prepared on the basis of information that is already available in publicly accessible media or developed through analysis of MOFSL. The views expressed are those of the analyst, and the Company may or may not subscribe to all the views expressed therein. This document is being supplied to you solely for your information and may not be reproduced, redistributed or passed on, directly or indirectly, to any other person or published, copied, in whole or in part, for any purpose. This report is not directed or intended for distribution to, or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject MOFSL to any registration or licensing requirement within such jurisdiction. The securities described herein may or may not be eligible for sale in all jurisdictions or to certain category of investors. Persons in whose possession this document may come are required to inform themselves of and to observe such restriction. Neither the Firm, not its directors, employees, agents or representatives shall be liable for any damages whether direct or indirect, incidental, special or consequential including lost revenue or lost profits that may arise from or in connection with the use of the information. The person accessing this information specifically agrees to exempt MOFSL or any of its affiliates or employees from, any and all responsibility/liability arising from such misuse and agrees not to hold MOFSL or any of its affiliates or employees responsible for any such misuse and further agrees to hold MOFSL or any of its affiliates or employees free and harmless from all losses, costs, damages, expenses that may be suffered by the person accessing this information due to any errors and delays.

This report is meant for the clients of Motilal Oswal only.

Investment in securities market are subject to market risks. Read all the related documents carefully before investing.

Registration granted by SEBI and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors.

Registered Office Address: Motilal Oswal Tower, Rahimtullah Sayani Road, Opposite Parel ST Depot, Prabhadevi, Mumbai-400025; Tel No.: 022 - 71934200 / 71934263; www.motilaloswal.com.

Correspondence Address: Palm Spring Centre, 2nd Floor, Palm Court Complex, New Link Road, Malad (West), Mumbai- 400 064. Tel No: 022 71881000. Details of Compliance Officer: Neeraj Agarwal, Email Id: na@motilaloswal.com, Contact No.:022-40548085.

Grievance Redressal Cell

Contact Person	Contact No.	Email ID
Ms. Hemangi Date	022 40548000 / 022 67490600	query@motilaloswal.com
Ms. Kumud Upadhyay	022 40548082	servicehead@motilaloswal.com
Mr. Ajay Menon	022 40548083	am@motilaloswal.com

Registration details of group entities.: Motilal Oswal Financial Services Ltd. (MOFSL): INZ000158836 (BSE/NSE/MCX/NCDEX); CDSL and NSDL: IN-DP-16-2015; Research Analyst: INH000000412 . AMFI: ARN .: 146822. IRDA Corporate Agent – CA0579. Motilal Oswal Financial Services Ltd. is a distributor of Mutual Funds, PMS, Fixed Deposit, Insurance, Bond, NCDs and IPO products.

Customer having any query/feedback/ clarification may write to query@motilaloswal.com. In case of grievances for any of the services rendered by Motilal Oswal Financial Services Limited (MOFSL) write to grievances@motilaloswal.com, for DP to dpgrievances@motilaloswal.com.